



USC 10TH EDITION MANUAL

As many of you know the USC Manual of Cross-Connection Control 10th Edition, was released in January 2010. The manual contains many new sections such as, History of Cross-Connection Control, Hydraulics and a section on types of Mechanical Equipment and Systems.

The manual also offers a more in depth explanation of existing test procedures, test procedure criteria, and introduces two new backflow assemblies, and their test procedures. Though the two new assemblies are included in the 10th Edition, at this time they have not received USC or State of Oregon approval.

The most frequently asked question regarding the new 10th Edition is how do the test procedures change? To answer this question USC has developed a test procedure comparison guide available on the USC website. To view and print a copy of the comparison guide go to www.usc.edu/fccchr, find the Information Section and click on the Frequently Requested Documents tab, then find and click on the Field Test Procedures 9th Edition VS 10th Edition tab. This document will provide the tester an opportunity to compare and understand the different USC editions test procedures.

The USC 10th Edition test procedures provide the backflow assembly tester an opportunity to streamline their test procedures while obtaining a more accurate and precise value for each test.

At this time the State of Oregon has not adopted the USC 10th edition, EWEB will continue training under the present USC 9th edition manual.



Rely on us.



EWEB | Fall 2010-Spring 2011



All EWEB Online Database Users Remember these dates....

Beginning Thursday, Sept. 23, 2010 through Sunday, Sept. 29, 2010, EWEB will be migrating the backflow online database and the backflow production database, to a new server. Due to this migration, the online database will be unavailable to online users. By Monday, September 30, 2010, the database will be back up and functioning properly. Any printouts, assignments or data entry, must be done before the above dates. If you have questions please call Jenean at 541-685-7152 or Bei Bei at 541-685-7527.

EWEB Water Operations Move to Roosevelt Site

The planned move from our current location at 500 E 4th Ave., to the new Roosevelt site at 4200 Roosevelt Blvd., is scheduled for Nov. 13, 2010. Prior to this date, between Nov. 10-12, Water Management Services staff will be minimally available. All offices should be up and running at the Roosevelt site by Monday, Nov. 15, 2010.

Access to EWEB offices at the Roosevelt location will be limited. Contractors/visitors cannot be admitted without contacting an EWEB employee (through the intercom system that will be located in the lobby entrance). The employee will then be required to meet and escort the contractor/visitor to their work area and back to the main lobby.

Although we will have training facilities at the new building, the backflow training from October –November 2010, will be held at the EWEB headquarters at 500 E. 4th Ave., Eugene OR.

For more details and updates regarding EWEB Training Center activities, please view our website at www.eweb.org > water quality > backflow training

2010 - 2011 EWEB Training Center Schedule

Course	Date	Days & Time	CEU Required	CEU Available	Cost	Notes
Cross Connection Specialist Course (minimum 8 students)	October 11 - 15, 2010	M - Th 8 a.m. - 4:30 p.m.; F 8 a.m. - 1:15 p.m. Exam 1:30 p.m. - 2:30 p.m.	3.00	3.35	\$400	Lunch included
Backflow Assembly Tester Day Renewal Course (minimum 12)	Tuesday, November 09, 2010	8 a.m. - 5 p.m.; Exam Opportunities February 16, 17, 18, 2011	0.50	0.80	\$160	Includes one \$85 ABPA exam fee; Lunch included
Backflow Assembly Tester Day Course (minimum 12 students)	November 15 - 19, 2010	M 8 a.m. - 6:30 p.m.; TU-TH 7 a.m. - 6:30 p.m.; F 7 a.m. - noon; Exam F Noon - 6:30 p.m.	4.00	4.30	\$550	Includes \$85 ABPA exam fee; Lunch included
Backflow Assembly Tester Day Renewal Course (minimum 12 students)	Tuesday, December 14, 2010	8 a.m. - 5 p.m.; Exam Opportunities February 16, 17, 18, 2011	0.50	0.80	\$160	Includes one \$85 ABPA exam fee; Lunch included
Backflow Assembly Tester Night Course (minimum 8 students)	January 11 - March 3, 2011	TU & TH 6 p.m. - 9 p.m.; Exam F March 4, 2011 by appointment	4.00	4.30	\$550	Includes \$85 ABPA exam fee
Backflow Assembly Tester Day Course (minimum 12 students)	January 10 - 14, 2011	M 8 a.m. - 6:30 p.m.; TU-TH 7 a.m. - 6:30 p.m.; F 7 a.m. - noon; Exam F Noon - 3:30 p.m.	4.00	4.30	\$550	Includes \$85 ABPA exam fee; Lunch included
Backflow Assembly Tester Day Renewal Course (minimum 12 students)	Tuesday, January 18, 2011	8 a.m. - 5 p.m.; Exam Opportunities February 16, 17, 18, 2011	0.50	0.80	\$160	Includes one \$85 ABPA exam fee; Lunch included
Calibration Day	TBA mid-February 2011					
Backflow Assembly Tester Day Wet Lab Practice (minimum 12 students)	February 14 & 15, 2011	8 a.m. - 2 p.m.	None	0.50	\$85	There will be no ABPA exam retake fee for students attending the Wet Lab Practice
Backflow Assembly Tester Renewal Exam Days (minimum 12 students)	February 16 or 17 or 18, 2011	8 a.m. - 4 p.m.	None	None		First attempt ABPA exam is included in renewal course fee; \$85 ABPA exam fee for second attempt if applicant did not attend an EWEB backflow tester wet lab

Backflow Assembly Tester Renewal Course: (0.8 CEU/ 8 CEH/ 8 CR available):

Per OAR 333-061-0074 [paraphrased] EWEB tester renewal courses include: Review of cross connection control regulations OAR 333-061-0070 through 0073; Review of approved test procedures for backflow prevention assemblies; Hands-on demonstration of the correct test procedures for each type of backflow prevention assembly; The correct student diagnosis and explanation of two failure and/or abnormal conditions during the hands-on backflow prevention assembly test of each type of backflow prevention assembly; Tester safety issues. **1.5 hours of hands-on assembly training are included in the 5-hour required portion of the course, an optional 3 hours of hands-on training is available; Note that examination is scheduled for different day. Examination and CEU certificates are required for submittal with renewal application.**

You will receive a certificate of attendance for the Backflow Assembly Tester course and a certificate for successful completion of the examination. A copy of BOTH certificates is required to be mailed with your application to the State of Oregon WITHIN ONE YEAR of completion of the course and exam.

All EWEB Training Center courses now feature stamp card tracking of attendance. Since every course offers more than the minimum hours needed to fulfill Oregon Department of Human Services requirements, the stamp card tracking of attendance allows each student to earn CEU/CEH/CR credits for extra hours attended.

OESAC Continuing Education Units (CEU) valid for all State of Oregon Drinking Water Program certifications Landscape Contractor Board Continuing Education Hours (CEH) valid for all licenses issued by Oregon LCB Plumbing Board Code Related Credits (CR) valid for all State of Oregon plumbing licenses

| EWEB Training Center Course descriptions |

State of Oregon backflow assembly testers and cross connection specialists expire on June 30 of every odd numbered year. Backflow Assembly Testers can only perform tests if they possess a current, valid certificate.

Cross Connection Specialist Course (3.35 CEU/ 33.5 CEH/ 33.5 CR):

Per OAR 333-061-0074 [paraphrased] EWEB specialist courses include: Definitions, identification of cross connection hazards, and the hydraulics of backflow; Approved cross connection control methods, backflow prevention assembly specifications, and testing methods used for Department-approved backflow prevention assemblies; Cross connection control requirements for public water systems, implementation of a cross connection control program, and writing a local cross connection control ordinance; Public education and record-keeping requirements for an effective cross connection control program; Facility water use inspection techniques and hands-on inspection of local facilities to identify actual or potential cross connections; Cross connection control program enforcement and managing a Backflow Assembly Tester program; Specialist and tester safety issues. **Every specialist course includes inspection tour of three types of facilities.**

Renewal Requirements for Backflow Assembly Tester: OAR 333-061-0072 [paraphrased]

- (3) (b) Satisfactory completion of 0.5 CEU in backflow prevention-related fields taken at a Department-approved certification training agency within the 2-year period immediately prior to the date of the certification renewal application; **[Initial backflow assembly tester certification course taken within the previous 2-year period meets this requirement.]**
- (d) Registration with the Construction Contractor's Board or licensure with the Landscape Contractor's Board;
- (e) Submission of yearly test gauge calibration reports performed in the same month every year, as determined by the Backflow Assembly Tester;
- (f) Submission of a completed renewal application with all required documentation as specified on the renewal application form and in these rules; **Both certifications require submission of a renewal application fee.**